EMACS

v4.2.0

CATALOG

CONTROLLERS & SW 2015

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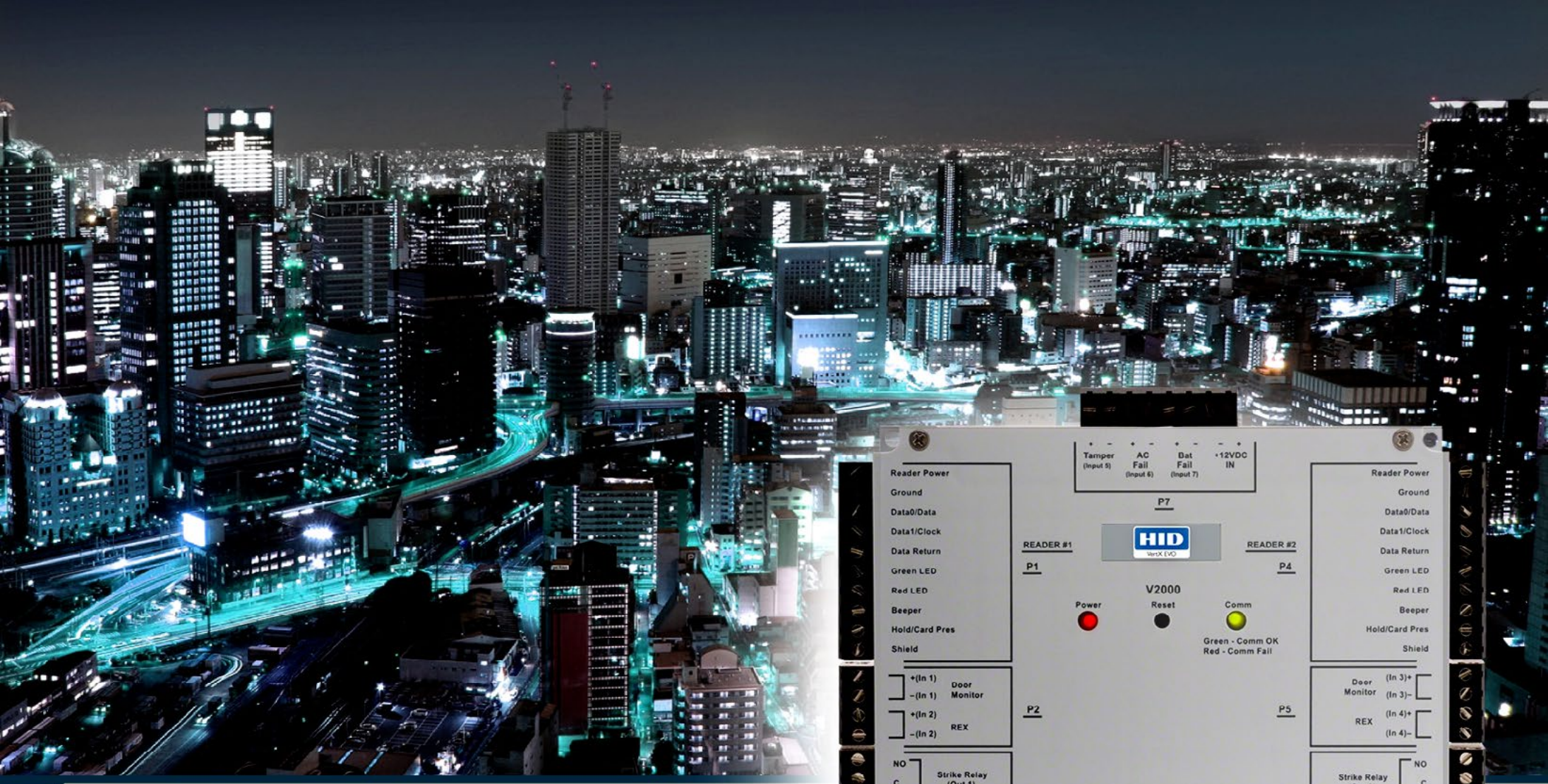
2015 GENERAL SALES TERMS

1. Prices are subject to change without notice.
2. Prices are in Euros. F.O.B. EMACS®, UK Distribution Center, EEC Import Tax excluded.
3. Refer to the "How to Order Guide" for all available HID® and INDALA® part numbers and options.
4. Credentials are available with an optional external inkjet number. Refer to the "How to Order Guide" for ordering instructions. Laser engraved external number is available on most Credentials for an additional charge, please refer to section 2 for pricing.
5. Cards are available with an optional slot punch. Some dye sublimation printers cannot accommodate pre-slot punched cards. Please consult with the printer manufacturer prior to ordering.
6. Minimum order quantity is 100 for all standard Cards, Keys & Tags, 500 for Custom Cards or Cards with Custom Artwork. Minimum order quantity is 10 for C700, 25 for C1100/C1150/pivCLASS™ and 100 for C800. Please consult EMACS® on minimum order quantity for custom cards.
7. The same color on both sides counts as two color.
8. Purchase orders for custom credentials will not be accepted until a proof has been signed.
9. Custom artwork plates will be kept for 1 year after the most recent order. If orders are separated by more than one year, "first-time order fees" will apply.
10. All cards are available with an optional Debitek stripe, signature panel, or magnetic stripe for an additional charge. Standard magnetic stripe is 3 Tracks 4000 OE, other magnetic stripes are available. Magnetic stripe colors may vary. Please consult EMACS®.
11. All customization fees are add-on to standard card pricing.
12. All card orders are final. For details on changes or cancellations, please consult EMACS®.
    a. Any changes required after order accepted by EMACS® will involve an extension of the deadline and possibly a change in price, which will be determined by our relevant department.
    b. While the order is not definitively confirmed, the time indicated by EMACS® until then always will be an aproximation.
13. The stipulated period of delivery will be automatically extended in time to be determined by our relevant department, if two things happen:
    a. Introduction of amendments to the original order, at the request of the CUSTOMER while it is running.
    b. Delayed essential documentation, specifications, designs or clarifications requested by EMACS®, to the implementation of the supply order.
14. The delivery period will be extended also in cases of irregular situations that modify the conditions of production, such as:
    a. Lack of material caused by the failure of our suppliers or by the absence in the domestic market of materials whose acquisition was planned in that market.
    b. Service disruption of transport, strikes, and other social or labor unrest, military demonstrations, wars, disasters, unusual weather causes, fires in our facilities, serious accidents indispensable machines in production order, unexpected power interruption for long periods restrictions, or opposition from the authorities.
15. Credentials are available with the iCLASS™ Elite (Part # MC-0036) and/or Corporate 1000 (Part # MC-1000) Formats for an additional charge.
16. iCLASS™ Tags are packaged in multiples of 50 pieces. Minimum order quantity is 100 pieces; orders will be accepted in multiples of 50 pieces thereafter.
17. All prices in this web site do not include Contact Smart Chip Module.
18. OEM Modules require a signed Non-Disclosure agreement before order can be placed.
19. User of any Programmer must sign an HID® and EMACS® software license agreement.
20. Programming restrictions may apply. Contact an HID® or EMACS® sales representative for complete details.
21. Camera ready artwork (i.e.: Adobe™ Ilustrator™ [.AI]) is required for all custom artwork cards.
22. Programming of the MIFARE®/DESFire® Portion with an HID®/OEM proximity Format is available for an additional charge.
23. MIFARE® credentials include a permanent Unique MIFARE® 32 Bit Serial number at no extra charge. Credentials are shipped with default keys configurations.
24. DESFire® credentials include a permanent Unique DESFire® 52 Bit Serial number at no extra charge. Credentials are shipped with default keys configurations.
25. Card reprogramming have some constraints. Consult EMACS® and HID®.
26. All 125 KHz proximity readers are available in Wiegand output. The ProxPro™ reader is available in a RS232 output version (P/N PS-5352). The ProxPro™, ProxPro™ II, Prox™80, MiniProx™ and ThinLine™ II readers are available in a magnetic stripe output version (P/N 5358 for ProxPro™, P/N 5458 for ProxPro™ II, P/N 5408 for Prox™80, P/N 5368 for MiniProx™, 5398 for ThinLine™ II and 6008 ProxPoint™ Plus)..
27. ProxPro™ II, MiniProx™, ThinLine™ II and ProxPoint™ Plus Readers are available with 9 feet/3 meters pigtail for an additional charge.
28. Proximity cards and keyfobs included in EntryProx™ kits will be programmed with HID®'s 37-bit Wiegand format (H10302). HID® tracks the issuance of this format and does not duplicate numbers. Numbers will be issued in random order. An EntryProx™ antenna is included with the purchase of the EntryProx™ reader.
29. HID® Proximity™ 125 kHz credentials are available non-programmed for use with HID® ProxProgramme™r.
30. Minimum 12 month quantity commitment is 500 units for 125 kHz Proximity Embedded Reader Electronics. Units will be shipped in bulk quantities. Minimum shipment is 100 units for 125 kHz Proximity Embedded Reader Electronics. Shipments must be scheduled for release at the time the order is placed. Price includes the circuit board only (no antenna or plastic housing) unless otherwise indicated for 125 kHz Proximity Embedded Reader Electronics.
31. eProx™ Lock Module boards are available with Wiegand, Clock-and-data, or F2F outputs.
32. OEM Modules require a signed Non-Disclosure agreement before order can be placed.
33. ProxPoint™ OEM and MiniProx™ Guts Modules are available in a magnetic stripe output version (P/N 4068 for ProxPoint™ OEM; P/N 4038 for MiniProx™ Guts). ProxPoint™ OEM does not include UL, FCC or CE approval.

2015 GENERAL SALES TERMS

34. Re-work cards must be returned to HID® in sequential order. If cards are not returned to EMACS® in sequential order, EMACS® will apply a sort fee (part # MC-0014).
35. External Number on ProxCard™ II cannot be removed.
36. HID® will encode 10 digit Data Configuration on all cards ordered for use with the HID® magnetic stripe readers unless instructed otherwise. For all other Non-HID® magnetic stripe readers, please specify data configuration
37. All SmartID™, SmartTRANS™ and SmartTOUCH™ readers are sold in mullion mount size. For single-gang mounting kit, please contact EMACS®.
38. HID® Prox™ and SmartTRANS™ readers are compatible ONLY with Corporate 1000 and 26-bit formats.
39. SmartID™ Read/Write option can only be applied to model S10 and SK10 readers.
40. During the execution of the order could be introduced any changes in the design of materials, only if this does not prejudice the quality levels of our supplies and resulting diminished assumed no guarantees for this reason.
41. Each and every one of the documents or studies of any kind as sketches, designs, reports, calculations, specifications and similar reports, supplied or shipped to the CUSTOMER are always the exclusive property of EMACS® and, in any case, may be used or disclosed to third parties, without our prior written consent; giving rise to the obligation to compensate the non-fulfillment of the above.
42. In the price of materials is not included any expenses incurred by the manufacturing inspection and receiving materials to be made by the CUSTOMER or by a representative, unless specific clause; then the inspection or review must be clearly specified.
43. Our warranty is limited to the repair or replacement as soon as possible and on our own, of any defective product or part, of failing to be checked and allocated to the raw material and / or manufacturing defects.
    a. Returns HID® material is subject to RMA process established by the manufacturer, managed by EMACS®. The RMA process establishes the analysis of damage in the material, and amounts refunds or substitutions, as determined by HID® or EMACS®.
    b. For return of HID® products, by RMA request under warranty, a charge of € 73.47 applies if the product does not have any default, in respect of shipping and test costs performed.
    c. The RMA process is performed carriage paid by the CUSTOMER
    d. General conditions for payments agreed may not be valid RMA process, as determined by EMACS® and HID®.
44. EMACS® does not assume in any case, the responsibilities for other damages, direct or indirect, as well as those resulting from downtimes due to repair or replacement of parts.
45. Using unrelated staff to our services to carry out modifications or repairs jobs for our products, immediately will override the duration of the warranty period.
46. All and any irregularities within the warranty shall be reported in writing immediately, with urgent status and accompanied information with the reasons that have caused the failure, under penalty of cancellation of that warranty.
47. Repair or modification or replacement of parts during the warranty period does not involve the extension of the term thereof.
48. Parts replaced within the warranty period shall be in possession or under possession of EMACS®.
49. All trademarks and registered trademarks are the properties of their respective companies.
50. M. E. DORCAS® guarantees its products for FOUR YEARS from the date of departure from the production line, against manufacturing defects that originate a malfunction. The warranty only entitles to the free replacement of defective parts, excluding any compensation for damages that the defect has have generated.
51. EMACS® reserves the right of ownership of all goods for which payment has not been entirely satisfied invoice due and can remove it from the customer's home or any other place where it shall find.



4.0 | CONTROLLERS & SW

Biometrics and Contactless Access

4.1 ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

HID® VertX™ Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	70100 xEPON	VertX™ V100 Controller	147.32 mm x 122.55 mm x 32.38 mm	N/A	RS-485	60 mA @ 9-18 VDC	HID® VertX™ Controllers are intented to connect the server's interfaces (Which does not integrate connection to RS485 bus).	**300,11 €**
	70100 xEBON	VertX™ V100 Controller	147.32 mm x 122.55 mm x 32.38 mm	N/A	RS-485	60 mA @ 9-18 VDC	Reader connection module (up to 2 readers and 2 doors) for RS485 bus connection. Run by a VertX™ V1000 controller. Plastic case on the front and back.	**269,33 €**
	70200 xEPON	VertX™ V200 Controller	147.32 mm x 122.55 mm x 32.38 mm	N/A	RS-485	60 mA @ 12-16 VDC	Reader connection module (up to 2 readers and 2 doors) for RS485 bus connection. Run by a VertX™ V1000 controller. Mylar lid on the front and plastic case on the back.	**334,73 €**
	70200 xEBON	VertX™ V200 Controller	147.32 mm x 122.55 mm x 32.38 mm	N/A	RS-485	60 mA @ 12-16 VDC	Entry devices connection module (up to 16 devices) for RS485 bus connection. Run by a VertX™ V1000 controller. Plastic case on the front and back.	**300,11 €**
	70300 xEPON	VertX™ V300 Controller	147.32 mm x 122.55 mm x 32.38 mm	N/A	RS-485	75 mA @ 12-16 VDC	Entry devices connection module (up to 16 devices) for RS485 bus connection. Run by a VertX™ V1000 controller. Mylar lid on the front and plastic case on the back.	**377,06 €**
	70300 xEBON	VertX™ V300 Controller	147.32 mm x 122.55 mm x 32.38 mm	N/A	RS-485	75 mA @ 12-16 VDC	Exit devices connection module (up to dry-contact relays) for RS485 bus connection. Run by a VertX™ V1000 controller. Plastic case on the front and back.	**346,28 €**

HID® VertX™ Interfaces

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	71000 AEPON0	VertX™ V1000 Interface	147.32 mm x 122.55 mm x 32.38 mm	8 Mbytes	TCP/IP	140 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management. 8 Mbytes internal memory. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Plastic case on the front and the back.	**688,50 €**

4.1 ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

HID® VertX™ Interfaces

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	71000 AEBON0	VertX™ V1000 Interface	147.32 mm x 122.55 mm x 32.38 mm	8 Mbytes	TCP/IP	140 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management. 8 Mbytes internal memory. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Mylar lid on the front and plastic case on the back.	**CONSULT**
	71000 AEPON1	VertX™ V1000 Interface	147.32 mm x 122.55 mm x 32.38 mm	16 Mbytes	TCP/IP	140 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management. 16 Mbytes internal memory. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Plastic case on the front and the back.	**CONSULT**
	71000 AEBON1	VertX™ V1000 Interface	147.32 mm x 122.55 mm x 32.38 mm	16 Mbytes	TCP/IP	140 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management. 16 Mbytes internal memory. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Mylar lid on the front and plastic case on the back.	**CONSULT**
	71000 AEPON2	VertX™ V1000 Interface	147.32 mm x 122.55 mm x 32.38 mm	32 Mbytes	TCP/IP	140 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management. 32 Mbytes internal memory. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Plastic case on the front and the back.	**CONSULT**
	71000 AEBON2	VertX™ V1000 Interface	147.32 mm x 122.55 mm x 32.38 mm	32 Mbytes	TCP/IP	140 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management. 32 Mbytes internal memory. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Mylar lid on the front and plastic case on the back.	**CONSULT**
	72000 AEPON0	VertX™ V2000 Interface/ Controller	147.32 mm x 122.55 mm x 32.38 mm	8 Mbytes	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for reader connection (2 readers and 2 doors) without RS485 bus management. 8 Mbytes internal memory. Plastic case on the front and the back.	**688,50 €**
	72000 AEBON0	VertX™ V2000 Interface/ Controller	147.32 mm x 122.55 mm x 32.38 mm	16 Mbytes	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for reader connection (2 readers and 2 doors) without RS485 bus management. 8 Mbytes internal memory. Mylar lid on the front and plastic case on the back.	**CONSULT**
	72000 AEPON1	VertX™ V2000 Interface/ Controller	147.32 mm x 122.55 mm x 32.38 mm	16 Mbytes	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for reader connection (2 readers and 2 doors) without RS485 bus management. 16 Mbytes internal memory. Plastic case on the front and the back.	**CONSULT**

4.1 ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

Interfaces HID® VertX™

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	72000 AEBON1	VertX™ V2000 Interface/ Controller	147.32 mm x 122.55 mm x 32.38 mm	16 Mbytes	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for reader connection (2 readers and 2 doors) without RS485 bus management. 16 Mbytes internal memory. Mylar lid on the front and plastic case on the back.	**CONSULT**
	72000 AEPON2	VertX™ V2000 Interface/ Controller	147.32 mm x 122.55 mm x 32.38 mm	32 Mbytes	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for reader connection (2 readers and 2 doors) without RS485 bus management. 32 Mbytes internal memory. Plastic case on the front and the back.	**CONSULT**
	72000 AEBON2	VertX™ V2000 Interface/ Controller	147.32 mm x 122.55 mm x 32.38 mm	32 Mbytes	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for reader connection (2 readers and 2 doors) without RS485 bus management. 32 Mbytes internal memory. Mylar lid on the front and plastic case on the back.	**CONSULT**

Accessories and options for HID® VertX™

Part Number	Description	List Price
70016AN	16 Mbytes Memory Module for HID® VertX™ controller (V1000 and V2000 models). Replaces the standard one (generally a 8 Mbytes device, 71000AEP0N0 reference).	**77,50 €**
70032AN	32 Mbytes Memory Module for HID® VertX™ controller (V1000 and V2000 models). Replaces the standard one (generally a 8 Mbytes device, 71000AEP0N0 reference).	**153,90 €**

HID® VertX™ EVO Interfaces

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	71000 xEP0N01A	Interfaz VertX™ EVO V1000	147.32 mm x 122.55 mm x 32.38 mm	250.000 registros	TCP/IP	140 mA @ 12-16 VDC	Host system controller with TCP/IP connection for RS485 bus management. Controls bus-connected VertX™ modules management. Allows to connect up to 32 modules. Plastic case on the front and the back.	**688,50 €**
	72000 xEP0N01A	Interfaz/ Controlador VertX™ EVO V2000	147.32 mm x 122.55 mm x 32.38 mm	250.000 registros	TCP/IP	160 mA @ 12-18 VDC	Host system controller with TCP/IP connection for RS485 bus management for reader connection (up to 2 readers and 2 doors) without RS485 bus connection. Plastic case on the front and the back.	**688,50 €**

4.1 ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

Accessories y options for HID® VertX™ EVO Interfaces

Part Number	Description	List Price
EVO-DTK-F1A	Complete DTK with API OPIN for the development of VertX™ to VertX™ EVO and EDGE™ to EDGE™ EVO migration solutions.	**4.049,19 €**

HID® EDGE™ Host Interfaces / Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	82000A **82000B**	EDGE™ Host E400 Interface/ Controller	12.19 cm x 8.38 cm x 3.63 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Host system controller with TCP/IP connection for reader connection (1 reader, Wiegand or C&D connection and 1 door) without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**307,80 €**
	82120A **82120B**	EDGE™ Host ER40 Interface/ Controller	12.19 cm x 8.38 cm x 5.79 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Host system controller with TCP/IP connection and HID® iCLASS™ R40 embedded reader, for 1 door, without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**346,28 €**
	82125A **82125B**	EDGE™ Host ERP40 Interface/ Controller	12.19 cm x 8.38 cm x 5.79 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Host system controller with TCP/IP connection and HID® multiCLASS™ RP40 embedded reader, for 1 door, without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**378,59 €**
	82121A **82121B**	EDGE™ Host ERW400 Interface/ Controller	12.19 cm x 8.38 cm x 5.79 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Host system controller with TCP/IP connection andHID® iCLASS™ RW400 embedded reader/recorder, for 1 door, without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**CONSULT**

→ Informative details for Host-Based systems configuration

All the codes which are related to HID® controllers and interfaces' models could need complementary data to complete an order with configuration options. These options are detailed on the link http://www.emacs.es/downloads/HTOG/d00533-c.4.0-nas-vertx-and-edge-htog-en.pdf.

HID® EDGE™ SOLO Interfaces / Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	83000	EDGE™ SOLO ES400 Interface/ Controller	12.19 cm x 8.38 cm x 36.3 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Autonomous controller with TCP/IP connection for reader connection (1 reader, Wiegand or C&D connection and 1 door) without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**307,80 €**
	83120	EDGE™ SOLO ESR40 Interface/ Controller	12.19 cm x 8.38 cm x 5.79 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Autonomous controller with TCP/IP connection and embedded HID® iCLASS™ R40 reader, for 1 door, without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**346,28 €**
	83125	EDGE™ SOLO ESRP40 Interface/ Controller	12.19 cm x 8.38 cm x 5.79 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Autonomous controller with TCP/IP connection and embedded multiCLASS™ RP40 reader, for 1 door, without RS48 bus connection. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay). Plastic covering case.	**378,59 €**
	K83000 BKE-RC	EDGE™ SOLO ES400 + R15 Pack	12.19 cm x 8.38 cm x 36.3 cm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83000) controller, an HID® iCLASS™ R15 (910) reader and 20 2 kbits (2000) HID® iCLASS™ codified cards in 37 bits: H10302 Wiegand format.	**442,46 €**
	K83000 BKE-RK	EDGE™ SOLO ES400 + R15 Pack	83.8 mm x 121.9 mm x 36.3 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83000) controller, an HID® iCLASS™ R15 (910) reader and 20 2 kbits (2050) HID® iCLASS™ codified set of keys in 37 bits: H10302 Wiegand format.	**463,24 €**
	K83000 BKE-PC	EDGE™ SOLO ES400 + RP15 Pack	83.8 mm x 121.9 mm x 36.3 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83000) controller, an HID® multiCLASS™ RP15 (910) reader and 20 2 kbits (2000) HID® iCLASS™ codified cards in 37 bits: H10302 Wiegand format.	**460,16 €**
	K83000 BKE-PK	EDGE™ SOLO ES400 + RP15 Pack	83.8 mm x 121.9 mm x 36.3 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83000) controller, an HID® multiCLASS™ RP15 (910) reader and 20 2 kbits (2000) HID® iCLASS™ codified set of keys in 37 bits: H10302 Wiegand format.	**480,17 €**
	K83120 BKI000-C	EDGE™ SOLO ESR40 Pack	83.8 mm x 121.9 mm x 57.9 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83120) controller and 20 2 kbits (2000) HID® iCLASS™ codified cards in 37 bits: H10302 Wiegand format.	**370,90 €**

4.1 ACCESS CONTROLLERS AND INTERFACES
Host-Based and Standalone Access Control Systems

HID® EDGE™ SOLO Interfaces / Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	K83120 **BKI000-K**	EDGE™ SOLO ESR40 Pack	83.8 mm x 121.9 mm x 57.9 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83120) controller and 20 2 kbits (2000) HID® iCLASS™ codified set of keys in 37 bits: H10302 Wiegand format.	**391,68 €**
	K83125 **BKI000-C**	EDGE™ SOLO ESRP40 Pack	83.8 mm x 121.9 mm x 57.9 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83125) controller and 20 2 kbits (2000) HID® iCLASS™ codified cards in 37 bits: H10302 Wiegand format.	**403,99 €**
	K83125 **BKI000-K**	EDGE™ SOLO ESRP40 Pack	83.8 mm x 121.9 mm x 57.9 mm	8 Mbytes	TCP/IP	1A @ 12–16 VDC	Kit with one HID® EDGE™ SOLO (83125) controller and 20 2 kbits (2000) HID® iCLASS™ codified set of keys in 37 bits: H10302 Wiegand format.	**423,99 €**

Accessories y options for HID® EDGE™ SOLO Interfaces / Controllers

Part Number	Description	List Price
82000-303-09	Screw and fixing accesories kits for EDGE™ Host and EDGE™ SOLO models.	**9,72 €**
2000PCGMV-EDGE	HID® iCLASS™ 2 kbits (2000) 20 card pack codified in 37 bits: H10302 Wiegand format. Printed with EDGE™ SOLO logo. The marked price is for each card. Orders must be made for 20 units multiples.	**CONSULT**
2050PKNMN-EDGE	HID® iCLASS™ 2 kbits (2050) 10 set of keys pack codified in 37 bits: H10302 Wiegand format. The marked price is for each card. Orders must be made for 10 units multiples.	**CONSULT**

→ Informative details about HID® EDGE™ SOLO's series lifespan

HID® EDGE™ SOLO range will be discontinued for HID® EDGE™ EVO™ SOLO's new range. Unless further notice, manufacture orders won't be done for HID® EDGE™ SOLO devices after the 26th of November, 2014. Completed orders for HID® EDGE™ SOLO range will be delivered before the 23rd of November, 2014, unless there's a stock excess.

→ Informative details for Host-Based and Standalone systems configuration

All the codes which are related to HID® controllers and interfaces' models could need complementary data to complete an order with configuration options. These options are detailed on the link http://www.emacs.es/downloads/HTOG/d00533-c.4.0-nas-vertx-and-edge-htog-en.pdf.

4.1 ACCESS CONTROLLERS AND INTERFACES
Host-Based and Standalone Access Control Systems

AXIS® Interfaces/Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	0540-001	AXIS® A1001 Interface/ Controller	45,5 mm x 180 mm x 180 mm	256 MB RAM, 4 Gbit Flash	TCP/IP	10–30 VDC or Ethernet IEEE 802. af/802.at (PoE)	AXIS® A1001 Network Door Controller is an open, non-proprietary platform for access management. The controller is installed by each door and data is automatically synchronized between the controllers in the system. The controller supports most Wiegand and RS 485 OSDP readers. The unit comes with a built-in software for basic access management for up to 33 controllers as well as an open API to meet the requirements for larger and more advanced installations.	**503,00 €**
	0540-021	AXIS® A1001 Interface/ Controller 10 units Pack	45,5 mm x 180 mm x 180 mm	256 MB RAM, 4 Gbit Flash	TCP/IP	10–30 VDC or Ethernet IEEE 802. af/802.at (PoE)	AXIS® A1001 Network Door Controller is an open, non-proprietary platform for access management. The controller is installed by each door and data is automatically synchronized between the controllers in the system. The controller supports most Wiegand and RS 485 OSDP readers. The unit comes with a built-in software for basic access management for up to 33 controllers as well as an open API to meet the requirements for larger and more advanced installations.	**5.037,00 €**

4.2 MULTIPROCOL ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

HID® EDGE™ EVO® Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	82000xKE	EDGE™ EVO® EH400-K Controller	154.9 mm x 122.5 mm x 37.1 mm	128.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with TCP/IP connection for reader connection (1 reader, Wiegand or C&D connection and 1 door) without RS485 bus connection. Plastic covering case. Allows to connect 4 subsidiary entry devices and 2 exit devices (dry-contact relay).	**307,80 €**
	82120xKI	EDGE™ EVO® EHR40-K Controller	3.9 mm x 122.2 mm x 30.5 mm	128.000 registros	TCP/IP	300mA@48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with HID® iCLASS™ R40 embedded reader, for 1 door, without RS485 bus connection. Includes an EDM-M expansion module. Plastic covering case.	**346,28 €**
	82125xKI	EDGE™ EVO® EHRP40-K Controller	83.9 mm x 122.2 mm x 30.5 mm	128.000 registros	TCP/IP	300mA@48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with HID® multiCLASS™ RP40 embedded reader, for 1 door, without RS485 bus connection. Includes an EDWM-M expansion module. Plastic covering case.	**378,59 €**
	82125xKL	EDGE™ EVO® EHR40-L Controller	83.9 mm x 122.2 mm x 30.5 mm	128.000 registros	TCP/IP	300mA@48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with HID® iCLASS™ R40 embedded reader, for 1 door, without RS485 bus connection. Includes an ELM expansion module. Plastic covering case.	**300,87 €**

HID® EDGE™ EVO® Hi-O Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	82000xKH	EDGE™ EVO® EH400 Hi-O Controller	81.5 mm x 119.6 mm x 22.2 mm	128.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with TCP/IP connection for one door, with free contacts for one reader and the possibility to connect an additional reader with the Hi-O module (connected by a CAN bus). Without RS485 bus connection. Plastic covering case.	**236,24 €**
	82120xKH	EDGE™ EVO® EHR40 Hi-O Controller	83.9 mm x 122.2 mm x 30.5 mm	128.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with TCP/IP connection for one door, with HID® iCLASS™ R40 embedded reader and a possibility to connect an additional reader with the Hi-O module (connected by a CAN bus). Without RS485 bus connection. Doesn't allow to connect a reader (Wiegand or C&D) or subsidiary entry/exit devices without an Hi-O module. Plastic covering case.	**274,71 €**
	82125xKH	EDGE™ EVO® EHRP40 Hi-O Controller	83.9 mm x 122.2 mm x 30.5 mm	128.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Host system controller with TCP/IP connection for one door, with HID® multiCLASS™ RP40 embedded reader and a possibility to connect an additional reader with the Hi-O module (connected by a CAN bus). Without RS485 bus connection. Doesn't allow to connect a reader (Wiegand or C&D) or subsidiary entry/exit devices without an Hi-O module. Plastic covering case.	**307,03 €**

4.2 MULTIPROCOL ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

HID® EDGE™ EVO SOLO Interfaces & Reader/Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	83000xKE	EDGE™ EVO SOLO ESH400-K Interface/ Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with TCP/IP connection for reader connection (1 reader, Wiegand or C&D connection and 1 door) without RS485 bus connection. Plastic covering case. Allows to connect 4 subsidiary entry devices and 2 exit devices (dry-contact relay).	**307,80 €**
	83120xKI	EDGE™ EVO SOLO ESHR40-K Interface/ Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA@48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with HID® iCLASS™ R40 embedded reader, for 1 door, without RS485 bus connection. Includes an EDM-M expansion module. 13,56MHz compatibility. Plastic covering case.	**346,28 €**
	83120xKL	EDGE™ EVO SOLO ESHR40-L Interface/ Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA@48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with HID® iCLASS™ R40 embedded reader, for 1 door, without RS485 bus connection. Includes an ELM expansion module. 13,56MHz compatibility. Plastic covering case.	**378,59 €**
	83125xKI	EDGE™ EVO SOLO ESHRP40-K Interface/ Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA@48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with HID® multiCLASS™ RP40 embedded reader, for 1 door, without RS485 bus connection. Includes an EDWM-M expansion module. 13,56MHz and 125kHz compatibility. Plastic covering case.	**300,87 €**

HID® EDGE™ EVO® Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	83000xKH	EDGE™ EVO SOLO ESH400 Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with TCP/IP connection for one door, with free contacts for one reader and the possibility to connect an additional reader with the Hi-O module (connected by a CAN bus). Without RS485 bus connection. Plastic covering case.	**236,24 €**
	83120xKH	EDGE™ EVO SOLO ESHR40 Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with TCP/IP connection for one door, with HID® iCLASS™ R40 embedded reader and a possibility to connect an additional reader with the Hi-O module (connected by a CAN bus). Without RS485 bus connection. Doesn't allow to connect a reader (Wiegand or C&D) or subsidiary entry/exit devices without an Hi-O module. Plastic covering case.	**274,71 €**
	83125xKH	EDGE™ EVO SOLO ESHRP40 Controller	83.9 mm x 122.2 mm x 30.5 mm	5.000 registros	TCP/IP	300mA @ 48VDC 1500mA @ 12VDC 1500mA @ 24VDC	Standalone system controller with TCP/IP connection for one door, with HID® multiCLASS™ RP40 embedded reader and a possibility to connect an additional reader with the Hi-O module (connected by a CAN bus). Without RS485 bus connection. Doesn't allow to connect a reader (Wiegand or C&D) or subsidiary entry/exit devices without an Hi-O module. Plastic covering case.	**307,03 €**

HID® EDGE™ EVO® Hi-O Modules

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	82363	EDGE™ EVO® EDWM-M Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	70mA @ 12VDC 70mA @ 24VDC	One door extension module (1 reader, with Wiegand and/or C&D interface), with 4 entries (with 2 contacts) and 2 exits (dry-contact relays) for connection to an HID® EDGE™ EVO unit through a CAN Hi-O bus.	**168,52 €**
	82342	EDGE™ EVO® EDM-M Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	40mA @ 12VDC 40mA @ 24VDC	Extension module with 4 entries (with 2 contacts) and 2 exits (dry-contact relays) for connection to an HID® EDGE™ EVO unit through a CAN Hi-O bus.	**137,74 €**
	82360	EDGE™ EVO® EWM-M Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	30mA @ 12VDC 30mA @ 24VDC	One door extension module (1 reader, with Wiegand and/or C&D interface) for connection to an HID® EDGE™ EVO unit.	**76,95 €**
	82340	EDGE™ EVO® EIM-M Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	30mA @ 12VDC 30mA @ 24VDC	One door extension module (1 reader, with Wiegand and/or C&D interface), with 4 entries (with 2 contacts) for connection to an HID® EDGE™ EVO through a CAN Hi-O bus.	**65,41 €**
	82301	EDGE™ EVO® ELM Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	40mA @ 12VDC 40mA @ 24VDC	Extension module with one reader, with Wiegand and/or C&D interface, associated with 1 exit (lock relay), for connection to an HID® EDGE™ EVO unit through a CAN Hi-O bus.	**49,25 €**
	82365	EDGE™ EVO® EVM Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	0.4mA @ 12VDC 0.4mA @ 24VDC	Tension conversion module (24VDC to 12VDC) to provide the correct tension to an HID® iCLASS™ Hi-O reader, for connection to an HID® EDGE™ EVO reader through a CAN Hi-O bus.	**30,78 €**
	83360	EDGE™ EVO® EWM-M Module	84.0 mm x 127.0 mm x 37.0 mm	N/A	Bus CAN	0.4mA @ 12VDC 0.4mA @ 24VDC	One reader extension module. The “Wiegand Module” is a Hi-O to one (1) Wiegand / Clock-and-Data reader interface. Only for EDGE™ EVO® SOLO.	**76,95 €**

4.2 MULTIPROCOL ACCESS CONTROLLERS AND INTERFACES
Host-Based Access Control Systems

Accessories y options for HID® EDGE™ EVO® Hi-O Modules

Part Number	Description	List Price
82100xKx	Spacing elements for E400, ER40, ERP40, ERW400, EH400-K, EH400, EHR40 and EHRP40 modules or for Hi-O embeddable Interface Modules (-M).	**19,24 €**
82100xKx-R	Fixing kit for walls. Installed through the back part. For Kit EH400-K and EH400 modules or for o Hi-O embeddable Interface Modules (-M).	**19,24 €**
82000-1xx-01	Secondary installation/fixing plate for EH400-K (82000-325-01 Code), EH400 (82000-114-01), EHR40 (82000-114-01), EHRP40 (82000-114-01) or Hi-O embeddable (-M) Interface Modules (82000-130-01).	**15,39 €**
82000-3xx-0x	Screw and accesories fixing kits for EH400-K (82000-342-01), EH400 (82000-325-01), EHR40 (82000-325-02), EHRP40 (82000-325-02), EDWM-M (82000-342-02), EDM-M (82000-342-03), EWM-M (82000-342-05) or EIM-M (82000-342-04) models.	**9,72 €**
EVO-DTK-F1A	Complete DTK with API OPIN for the developement of VertX™ to VertX™ EVO and EDGE™ to EDGE™ EVO migration solutions.	**4.049,19 €**

→ Informative details for Host-Based systems configuration

All the codes which are related to HID® controllers and interfaces' models could need complementary data to complete an order with configuration options. These options are detailed on the link http://www.emacs.es/downloads/HTOG/d00533-c.4.0-nas-vertx-and-edge-htog-en.pdf.

4.3 BIOMETRIC ACCESS CONTROLLERS
Host-Based and Biometric Access Control Systems

ACP® inBIO™ Controllers

	P/N	Model	Size	Memory	Connection	Voltage	Description	List Price
	inBio-160	ACP® inBIO™ 160 Controller	190 mm x 140 mm x 38 mm	RAM 32 Mbytes	TCP/IP	3A @ 12VDC	Host system controller with TCP/IP connection for biometric reader connection (1 reader and 1 door) with RS485 bus connection. Plastic covering case. Allows to connect 2 subsidiary entry devices and 1 exit device (dry-contact relay).	**420,00 €**
	inBio-260	ACP® inBIO™ 260 Controller	190 mm x 140 mm x 38 mm	RAM 32 Mbytes	TCP/IP	3A @ 12VDC	Host system controller with TCP/IP connection for biometric reader connection (2 readers and 2 doors) with RS485 bus connection. Plastic covering case. Allows to connect 4 subsidiary entry devices and 2 exit devices (dry-contact relay).	**495,00 €**
	inBio-460	ACP® inBIO™ 460 Controller	190 mm x 140 mm x 38 mm	RAM 32 Mbytes	TCP/IP	3A @ 12VDC	Host system controller with TCP/IP connection for biometric reader connection (4 readers and 4 doors) with RS485 bus connection. Plastic covering case. Allows to connect 8 subsidiary entry devices and 4 exit devices (dry-contact relay).	**620,00 €**

Accesorios and options for ACP® inBIO™ Controllers

Part Number	Description	List Price
FR1200	IP65 fingerprint reader, with RS485 connection on inBIO™ series controllers, but also on autonomous access' control terminals. It basically works as a slave reader: it captures and transfers the fingerprint' pattern to the main terminal in order to verify the access.	**160,00 €**
USB-BIO	Enrollment fingerprint reader to register the fingerprints in the system through an USB connection, connected to a PC and using an installed SW client. Supports most of Windows™ OS and has SDK for developing purposes.	**120,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

IMRON® IS2000™

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	IS2000-8	IS2000® Server License	8	25.000 Expandable	1 Panel	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 8 doors.	**560,00 €**
	IS2000-16	IS2000® Server License	16	25.000 Expandable	2 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 16 doors.	**756,00 €**
	IS2000-32	IS2000® Server License	32	25.000 Expandable	4 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 32 doors..	**1.056,00 €**
	IS2000-64	IS2000® Server License	64	25.000 Expandable	8 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 64 doors.	**1.846,00 €**
	IS2000-128	IS2000® Server License	128	25.000 Expandable	16 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 128 doors.	**3.072,00 €**
	IS2000-256	IS2000® Server License	256	25.000 Expandable	32 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 256 doors.	**6.144,00 €**
	IS2000-512	IS2000® Server License	512	25.000 Expandable	64 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 512 doors.	**12.288,00 €**
	IS2000-1024	IS2000® Server License	1024	25.000 Expandable	128 Panels	1Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional enginereeing-related developements) for 1 year. Allows to control up to 1024 doors.	**24.672,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

IMRON® IS2000™

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	IS2000-2048	IS2000® Server License	2048	25.000 Expandable	256 Panels	1 Year	Server License (includes a licensed USB connection) with support (allows updates and remote technical support WITHOUT additional engineereeing-related developements) for 1 year. Allows to control up to 2048 doors.	**49.344,00 €**

→ Informative details about the remote technical support (Software Maintenance Program)

Next we will list the technical services which aren't supported by the Software Maintenance Program (included with any IS2000™ license purchase), in none of its references:
- Software development (customization).
- Database management (includes migrations).
- Customized drivers.
- Reports or customized lists.
- Related SW applications.
- Personal photo conversion.
- Template generation for ID-BADGE module (credential printing).

These services will be revised in-depth by our technical staff, who will offer an ECONOMIC PROPOSAL for each individual petition.

→ Informative details about supported control unit types (Controllers)

The types of control units supported by IS2000™ platform are Mercury™ (LENEL™, HONEYWELL™, Open Options™, Red Cloud™...) AXIS™ A1001, HID® VertX™ and EDGE™, ACP® inBIO™ and GE™ CASI-RUSCO™ M5.

→ Informative details about the alarm panels supported by license

The types of alarm panels supported by IS2000™ platform are ELK™, DMP™ and BOSCH™ G Series. If IS2000™ is used with Alarm Panels, the number of panels that can be connected depend on the licensing referring to the maximum number of readers/doors. The correspondence goes as it follows:
- Up to 8 doors license = 1 alarm panel.
- Up to 16 doors license = 2 alarm panels.
- Up to 32 doors license = 4 alarm panels.
- Up to 64 doors license = 8 alarm panels.
- Up to 128 doors license = 16 alarm panels.
- Up to 256 doors license = 32 alarm panels.
- Up to 512 doors license = 64 alarm panels.
- Up to 1024 doors license = 128 alarm panels.
- Up to 2048 doors license = 256 alarm panels.

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

Options and accompaniments for IMRON® IS2000™

Part Number	Description	List Price
ID-BADGING	Printing and Customization License. Sets up the template generation module and printing control, with additional associated options.	**995,00 €**
VIDEO-MANAGER	Video Management License. Sets up the video management module that allows to control cameras which are related to DVR and NVR equipements, CCTV matrix or independent IP cameras, visibles in the security network. There is a wide variety of supported manufacturers. Allows to sync the video viewing elements with IS2000™ automatic alerts.	**995,00 €**
GUARD-TOUR	Round Management License. Sets up the round management module, with additional associated options.	**995,00 €**
T&A	Presence's Control License (Time & Attendance). Sets up the presence's control module that allows to monitor the time that the employees spent inside the facilities, which are controlled by access readers.	**995,00 €**
CLIENT-LIC	Additional Client License. Allows to simoultaneously have an additional operator connected to the system.	**560,00 €**
TEMP-SENSOR	Temperature Sensor License with additional associated options.	**1.500,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

Support (Updates) and Accessories

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	S-IS2000-8	IS2000® Server License Update	8	25.000 Expandable	1 Panel	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-8 license.	**150,00 €**
	S-IS2000-16	IS2000® Server License Update	16	25.000 Expandable	2 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-16 license.	**350,00 €**
	S-IS2000-32	IS2000® Server License Update	32	25.000 Expandable	4 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-32 license.	**550,00 €**
	S-IS2000-64	IS2000® Server License Update	64	25.000 Expandable	8 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-64 license.	**750,00 €**
	S-IS2000-128	IS2000® Server License Update	128	25.000 Expandable	16 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-128 license.	**1.250,00 €**
	S-IS2000-256	IS2000® Server License Update	256	25.000 Expandable	32 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-256 license.	**2.250,00 €**
	S-IS2000-512	IS2000® Server License Update	512	25.000 Expandable	64 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-512 license.	**3.500,00 €**
	S-IS2000-1024	IS2000® Server License Update	1024	25.000 Expandable	128 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-1024 license.	**6.000,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

Support (Updates) and Accessories

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	S-IS2000-2048	IS2000® Server License Update	2048	25.000 Expandable	256 Panels	1 Year	Support renewal of the server's license (allows updates and technical remote support, WITHOUT additional engineering-related developements) and its associated clients' licenses (CLIENT-LIC). Applicable to a pre-existent IS2000-2048 license.	**10.400,00 €**
	USB-DGL	USB License Connector	N/A	N/A	N/A	N/A	Licensed USB connector.	**70,00 €**

→ Informative details about the remote technical support's coverage (Software Maintenance Program)

Next we will list the technical services which aren't supported by the Software Maintenance Program (included with any IS2000™ license purchase), in none of its references:
- Software development (customization).
- Database management (includes migrations).
- Customized drivers.
- Reports or customized lists.
- Related SW applications.
- Personal photo conversion.
- Template generation for ID-BADGE module (credential printing).

These services will be revised in-depth by our technical staff, who will offer an ECONOMIC PROPOSAL for each individual petition.

IMRON® IS2000™ - License Improvements

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	U-IS2000-8-16	IS2000® Server License Extension	8-16	25.000 Expandable	2 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-8 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 16 doors.	**306,00 €**
	U-IS2000-16-32	IS2000® Server License Extension	16-32	25.000 Expandable	4 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-16 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 32 doors.	**300,00 €**
	U-IS2000-32-64	IS2000® Server License Extension	32-64	25.000 Expandable	8 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-16 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 64 doors.	**790,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

IMRON® IS2000™ - Improvements License

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	U-IS2000-64-128	IS2000® Server License Extension	64-128	25.000 Expandable	16 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-16 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 64 doors.	**1.226,00 €**
	U-IS2000-128-256	IS2000® Server License Extension	128-256	25.000 Expandable	32 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-64 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 128 doors.	**3.072,00 €**
	U-IS2000-256-512	IS2000® Server License Extension	256-512	25.000 Expandable	64 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-128 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 256 doors.	**6.144,00 €**
	U-IS2000-512-1024	IS2000® Server License Extension	5120-1024	25.000 Expandable	128 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-256 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 512 doors.	**12.384,00 €**
	U-IS2000-1024-2048	IS2000® Server License Extension	1024-2048	25.000 Expandable	256 Panels	1 Year	Server License's Update to support the highest number of accesses. Applicable to a IS2000-512 pre-existent license. Includes support (allows updates and technical remote support, WITHOUT additional engineering-related developements) for 1 year. Allows to control up to 1024 doors.	**24.768,00 €**

Support (Updates) and Accessories IMRON® IS2000™

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	S-IS2000-16	IS2000® Server License Update	16	25.000 Expandable	2 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-16 license after an U-IS2000-8-16 update.	**350,00 €**
	S-IS2000-32	IS2000® Server License Update	32	25.000 Expandable	4 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-32 license after an U-IS2000-16-32 update.	**550,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

Support (Updates) and Accessories IMRON® IS2000™

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	S-IS2000-64	IS2000® Server License Update	64	25.000 Expandable	8 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-64 license after an U-IS2000-32-64 update.	**750,00 €**
	S-IS2000-128	IS2000® Server License Update	128	25.000 Expandable	16 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-128 license after an U-IS2000-64-128 update.	**1.250,00 €**
	S-IS2000-256	IS2000® Server License Update	256	25.000 Expandable	32 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-256 license after an U-IS2000-128-256 update.	**2.250,00 €**
	S-IS2000-512	IS2000® Server License Update	512	25.000 Expandable	64 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-512 license after an U-IS2000-256-512 update.	**3.500,00 €**
	S-IS2000-1024	IS2000® Server License Update	1024	25.000 Expandable	128 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-1024 license after an U-IS2000-512-1024 update.	**6.000,00 €**
	S-IS2000-2048	IS2000® Server License Update	2048	25.000 Expandable	256 Panels	1 Year	Support renewal (allows updates and technical remote support, WITHOUT additional engineering-related developements) of the server's license and its associated clients' licenses (CLIENT-LIC). Applicable to a resulting IS2000-2048 license after an U-IS2000-1024-2048 update.	**10.400,00 €**
	USB-DGL	USB License Connector	N/A	N/A	N/A	N/A	Licensed USB connection.	**70,00 €**

4.4 INTEGRATED SECURITY SW PLATFORM
Integrated Security Management

→ Informative details about the remote technical support's coverage (Software Maintenance Program)

Next we will list the technical services which aren't supported by the Software Maintenance Program (included with any IS2000™ license purchase), in none of its references:
- Software development (customization).
- Database management (includes migrations).
- Customized drivers.
- Reports or customized lists.
- Related SW applications.
- Personal photo conversion.
- Template generation for ID-BADGE module (credential printing).

These services will be revised in-depth by our technical staff, who will offer an ECONOMIC PROPOSAL for each individual petition.

4.5 VISITOR MANAGEMENT SOFTWARE
Centralized management of visitors

Software HID® EasyLobby™

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	EL-96000-SVM10	Licencia HID® EasyLobby™ SVM™	Desktop	1 (main user)	N/A	OPTIONAL	HID® Global's EasyLobby® Secure Visitor Management (SVM™) software is the main application for processing visitors, including ID scanning, record creation, badge printing, watch list screening, check-in and check-out, and email notification, among other features. The solution improves security by enabling organizations to identify exactly who is in their facilities, while enhancing the professionalism of an organization by streamlining the visitor check-in process and providing high quality visitor badges.	**2.020,95 €**
	EL-96300-ADM10	Adminis-trator™ (additional licenses) per Workstation	Desktop	1 (additional user)	Requires license SVM™ already installed	OPTIONAL	SVM™ (main application) per workstation, includes Free Administrator™ software (admin/reporting). SVM™ is the main application for processing visitors (ID scanning, record creation, badge printing, check in and check out, etc.). Customers must purchase 1 copy of SVM™ for every workstation (Windows™ XP or 7) where they wish to create new visitor records, print badges, etc. The SVM™ database (MSDE™, SQL Express™, SQL Server™ or Oracle™) can reside on any computer on the network (server is recommended), and any number of SVM™ workstations can share a central database.	**400,95 €**
	EL-98000-EADV10	eAdvance™ (web pre-re-gistration) per Web Server	Web	No connection limits	Requires license SVM™ already installed	OPTIONAL	eAdvance™ is a web-based application that allows authorized employees to pre-register visitors through a simple web browser form on theirown computer. The customer has full control over which employees are granted access to eAdvance™, and whether the registrations entered by certain employees need to be approved by someone else in the company before being added to the SVM™ database. eAdvance™ is sold as an enterprise license; customers only need 1 copy regardless of how many SVM™ stations they deploy or how many employees they have.	**2.425,95 €**
	EL-96200-SAT	Satellite™ (check point station) per Workstation	Desktop	1 (satellite user)	Requires license SVM™ already installed	OPTIONAL	Satellite is used to control and monitor entry and exit at one or more internal locations or "check points" for visitors who have already been badged at an SVM™ workstation. Upon arrival at a Satellite™ station, the visitor badge is scanned (via barcode), and the Satellite™ station will display the visitor's photo, name and Clearance level and immediately inform the operator whether to allow the visitor entry into that area or whether to deny entry. The Clearance level is assigned to each visitor when they are badged by SVM™. Satellite™ time stamps the visitor's entry and exit at that station via barcode scan.	**805,95 €**
	EL-HL-7	HL7 interface for HID® EasyLobby™	Desktop and Web	No connection limits	Requires license SVM™ already installed	OPTIONAL	HL7 interface (hospital patient data) per customer.	**1.620,00 €**
	EL-SYM-MC-9090GK	SVM Mobi-le™ for HID® EasyLobby™	Tablets and PDAs (equivalent to desktop)	1 (additional remote user)	Requires license SVM™ already installed	OPTIONAL	SVM Mobile™ (Wireless PDA/SW) per unit. SVM Mobile™ includes wireless Symbol PDA with full keypad, 1D and 2D barcode scanning, Magstripe reader, and SVM™ software pre-loaded. This is equivalent to a Windows workstation with SVM™, DCM license reader, and barcode scanner – all in one. SVM Mobile™ requires wireless network connectivity to the database at all times.	**5.670,00 €**
	EL-SYM-MC-7570SM	Satellite Mobile™ for HID® EasyLobby™	Tablets and PDAs (equivalent to desktop)	1 (additional remote user)	Requires license SVM™ already installed	OPTIONAL	Satellite Mobile™ (Wireless PDA/SW) per unit. Satellite Mobile™ and Package Mobile™ include wireless Symbol PDA with Satellite™ or Package™ software pre-loaded with integrated 1D barcode scanner. Both run in disconnected mode as well (wireless network NOT required).	**2.835,00 €**
	EL-SYM-MC7570P	Package Mobile™ for HID® EasyLobby™	Tablets and PDAs (equivalent to desktop)	10 (additional remote users)	Requires license SVM™ already installed	OPTIONAL	Package Mobile™ (Wireless PDA/SW). Satellite Mobile™ and Package Mobile™ include wireless Symbol PDA with Satellite™ or Package™ software pre-loaded with integrated 1D barcode scanner. Both run in disconnected mode as well (wireless network NOT required).	**2.835,00 €**

4.5 VISITOR MANAGEMENT SOFTWARE
Centralized management of visitors

Software HID® EasyLobby™

	P/N	Model	Readers	Users	Alarms	Support	Description	List Price
	EL-97000-EKIOSK	eKiosk™ for HID® EasyLobby™	Web	1 (additional remote user)	Requires license SVM™ already installed	OPTIONAL	eKiosk™ Web-based self-registration software for iPad™ and other tablet computer. SVM™ software can also run in Kiosk mode (for unattended self registration).	**2.020,95 €**

HID® EasyLobby™ Annual Software Maintenance Contracts

P/N	Description	List Price
EL-SSA-SVMS	SVM annual maintenance per copy (includes all updates for SVM v10).	**364,50 €**
EL-SSA-EADVS	eAdvance annual maintenance per copy (includes updates for v10).	**437,40 €**
EL-SSA-ACIS	Access Control Integration annual maintenance per copy (includes updates for v10).	**437,40 €**
EL-SSA-EADV	eAdvance annual maintenance per copy (includes updates for v10).	**437,40 €**
EL-SSA-ACI	A/C integration annual maintenance per copy (includes updates).	**437,40 €**

Software Upgrades

P/N	Description	List Price
EL-SVM10-UPGRD	SVM software upgrade to SVM10	**1.620,00 €**
EL-EADV-UPGRD	eAdvance software upgrade to latest version	**2.025,00 €**
EL-ACI-UPGRD	Access control integration upgrade to latest version	**2.025,00 €**

HID® EasyLobby™ Access Control Integrations

P/N	Description	List Price
EL-ACI-AMAG	AMAG™ Access Control Integration.	**2.425,95 €**
EL-ACI-AMANO	AMANO™ Access Control Integration.	**2.425,95 €**
EL-ACI-APACS	APACS™ 3000 Access Control Integration.	**2.425,95 €**
EL-ACI-AXIOM	AXIOM™ - RBH™ Access Control Integration.	**2.425,95 €**
EL-ACI-BRIVO	BRIVO™ Access Control Integration.	**2.425,95 €**
EL-ACI-CARDAX	CARDAX™ Access Control Integration.	**2.425,95 €**

4.5 VISITOR MANAGEMENT SOFTWARE
Centralized management of visitors

HID® EasyLobby™ Access Control Integrations

P/N	Description	List Price
EL-ACI-CCURE8	C·CURE™ 800 (Software House™) Access Control Integration.	**2.425,95 €**
EL-ACI-CCURE9	C·CURE™ 9000 (Software House™) Access Control Integration.	**2.425,95 €**
EL-ACI-CCURE9-DROPBOX	C·CURE™ 9000 (DROPBOX™) Access Control Integration.	**1.215,00 €**
EL-ACI-CISCO	CISCO™ Access Control Integration.	**2.425,95 €**
EL-ACI-CNTL	CONTINENTAL™ Access Control Integration.	**2.425,95 €**
EL-ACI-COGITO	COGITO™ Access Control Integration.	**2.425,95 €**
EL-ACI-DELTA	DELTA CONTROLS™ Access Control Integration.	**2.425,95 €**
EL-ACI-DSX	DSX™ Access Control Integration.	**2.425,95 €**
EL-ACI-FALCO	FALCO™ Access Control Integration.	**2.425,95 €**
EL-ACI-GEDIA	GE DIAMOND™ Access Control Integration.	**2.425,95 €**
EL-ACI-GEFC	GE FACILITY COMMANDER™ Access Control Integration.	**2.425,95 €**
EL-ACI-GENETEC	GENETEC™ Access Control Integration.	**2.425,95 €**
EL-ACI-GEPP	GE PICTURE PERFECT™ Access Control Integration.	**2.425,95 €**
EL-ACI-GESC	GE SECURITY COMMANDER™ (ANZ™) Access Control Integration.	**2.425,95 €**
EL-ACI-HIRSCH	HIRSCH™ Access Control Integration.	**2.425,95 €**
EL-ACI-HPW	PROWATCH™ Access Control Integration.	**2.425,95 €**
EL-ACI-IDENTC	IDENTICARD PREMISYS™ Access Control Integration.	**2.425,95 €**
EL-ACI-IDENTP	IDENTICARD IDENTIPASS™ Access Control Integration.	**2.425,95 €**
EL-ACI-IMRON	IMRON™ IS2000 Access Control Integration.	**2.425,95 €**
EL-ACI-INNR	INNER RANGE INSIGHT™ Access Control Integration.	**2.425,95 €**
EL-ACI-JCI	JCI P2000™ Access Control Integration.	**2.425,95 €**
EL-ACI-KAN	KANTECH™ Access Control Integration.	**2.425,95 €**
EL-ACI-KERI	KERI/DIGITAL HORIZON™ 3.5 Access Control Integration.	**2.425,95 €**
EL-ACI-KEYS	KEYSCAN™ Access Control Integration.	**2.425,95 €**
EL-ACI-LENEL	LENEL™ Access Control Integration.	**2.425,95 €**
EL-ACI-MATRIX	MATRIX™ Access Control Integration.	**2.425,95 €**

4.5 VISITOR MANAGEMENT SOFTWARE
Centralized management of visitors

HID® EasyLobby™ Access Control Integrations

P/N	Description	List Price
EL-ACI-MDI	MDI™ (Venta exclusiva por MDI™) Access Control Integration.	**CONSULTAR**
EL-ACI-NEXWATCH	PROWATCH™ NEXTWATCH™ Access Control Integration.	**2.425,95 €**
EL-ACI-NWP	HONEYWELL™ WINPAK™ Access Control Integration.	**2.425,95 €**
EL-ACI-OPEN	OPEN OPTIONS™ Access Control Integration.	**2.425,95 €**
EL-ACI-PAXTON	PAXTON™ Access Control Integration.	**2.425,95 €**
EL-ACI-PCM	PACOM™ Access Control Integration.	**2.425,95 €**
EL-ACI-PCSC	PCSC™ (Venta exclusiva por PCSC™) Access Control Integration.	**CONSULTAR**
EL-ACI-AVIGILON	AVIGILON™ Access Control Integration.	**2.425,95 €**
EL-ACI-RS2	PS2™ - ACCESS IT™ Access Control Integration.	**2.425,95 €**
EL-ACI-S2	S2™ Access Control Integration.	**2.425,95 €**
EL-ACI-SCHLAGE	SCHLAGE™ Access Control Integration.	**2.425,95 €**
EL-ACI-SiPASS	SIEMENS™ Access Control Integration.	**2.425,95 €**
EL-ACI-SLX	SIELOX™ Access Control Integration.	**2.425,95 €**
EL-ACI-SYN	SYNERGISTICS™ Access Control Integration.	**2.425,95 €**
EL-ACI-TACC	TAC™ - CONTINUUM™ Access Control Integration.	**2.425,95 €**
EL-ACI-TACI	TAC™ - I/NET™ Access Control Integration.	**2.425,95 €**
EL-ACI-UPGRD-CCURE9	C·CURE™ 9000 (Upgrade to latest version). Access Control Integration.	**2.025,00 €**
EL-ACI-UPGRD-SCHLAGE	SCHLAGE™ (Upgrade to latest version). Access Control Integration.	**2.025,00 €**

→ Informative details regarding HID® EasyLobby™

This component allows the customer to grant proximity card access (or barcode access) to certain visitors directly from the SVM interface. This software is sold as a server license; customers typically only need 1 copy regardless of how many SVM stations they deploy across different locations (assuming the Access Control System resides on a single server for the entire company).

→ Important Note for HID® EasyLobby™ Deployment

If all visitors are escorted by an employee, the customer does NOT need this component.

4.5 VISITOR MANAGEMENT SOFTWARE
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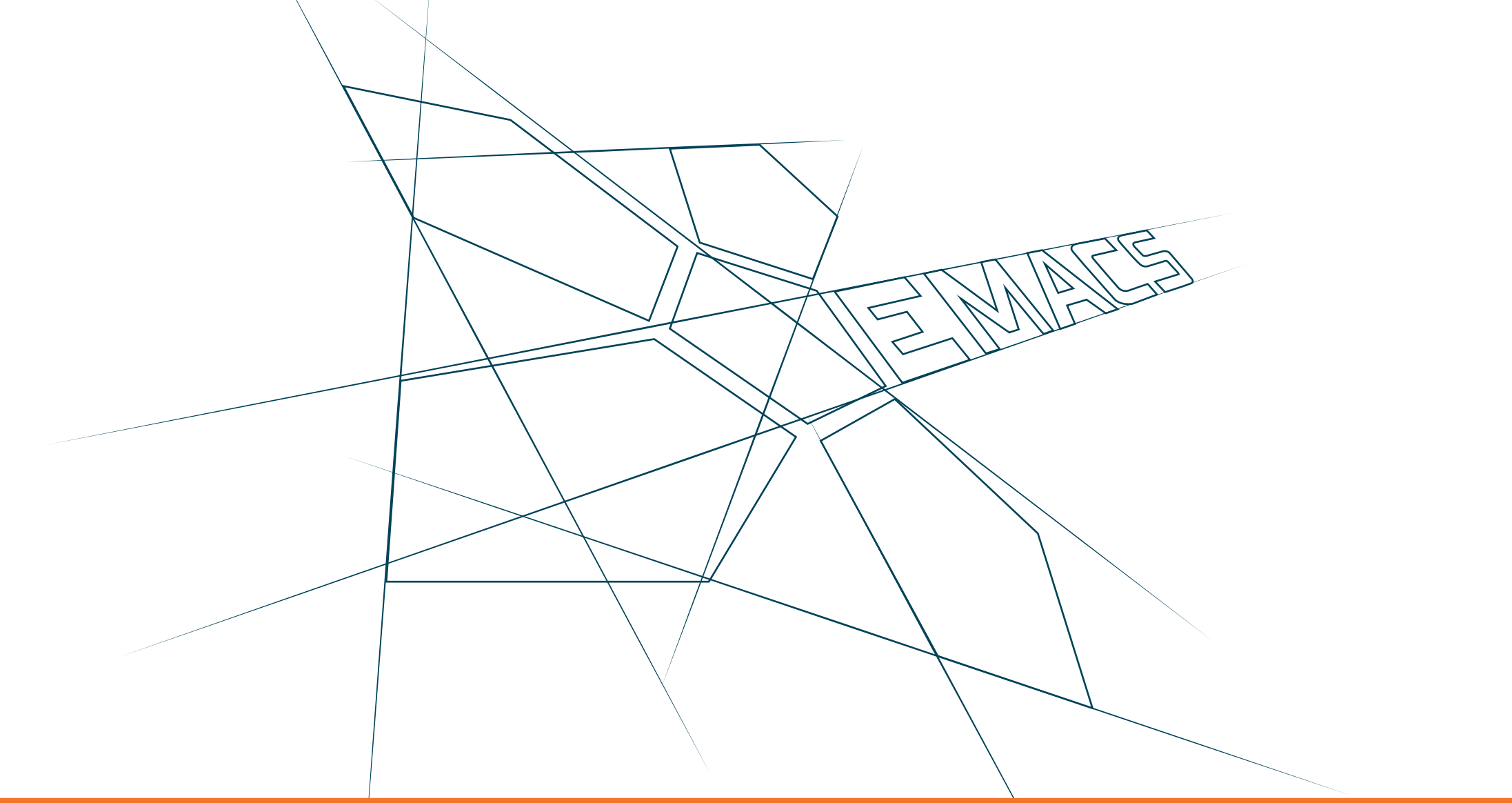
Professional Services for SW HID® EasyLobby™

P/N	Description	List Price
EL-PS42-01-PACS	Professional Services - Basic HID® EasyLobby™ Deployment Package	**405,00 €**
EL-PS42-02-PACS	Professional Services - Enhanced HID® EasyLobby™ Deployment Package	**729,00 €**
EL-PS42-03-PACS	Professional Services - Advanced HID® EasyLobby™ Deployment Package	**1.377,00 €**



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